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AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
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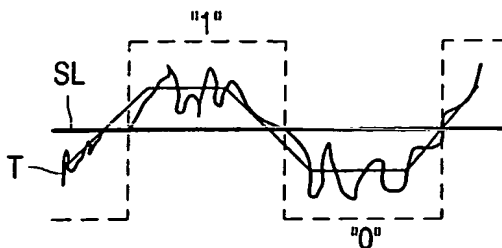
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(54) Title: METHOD AND DEVIC THE FOR SETTING THE SLICE LEVEL IN A BINARY SIGNAL



(57) Abstract: A method of setting the slice level (SL) in a bi-  
nary signal (T) comprises measuring the noise level at both sig-  
nal levels (A,B) and adjusting (Z) the slice levels in dependence  
upon the measured noise levels. By weighing the noise levels,  
asymmetric noise is taken into account. A device (10) for setting  
the slice level comprises level shift means and noise peak level  
detection means.

# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03K5/08 H04L25/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03K H01L H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 377 633 B1 (SCHNEIDER DAVID F) 23 April 2002 (2002-04-23)	1-7
A	column 3, line 9 - column 4, line 41 column 5, line 54 - column 6, line 3 column 7, line 14 - column 8, line 64; figures 4,5	8-10
A	----- US 4 707 740 A (STRATTON BOYD L) 17 November 1987 (1987-11-17) cited in the application column 1, lines 5-68 column 3, line 65 - column 4, line 46; figures 1,2,4	1-10
A	----- EP 0 889 590 A (SAMSUNG ELECTRONICS CO LTD) 7 January 1999 (1999-01-07) column 2, line 34 - column 3, line 43; figures 3,4	1-10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 373 400 A (KOVACS JANOS) 13 December 1994 (1994-12-13) column 3, line 59 - column 5, line 47; figures 1-3 -----	1-10
A	US 6 151 150 A (KIKUCHI OSAMU) 21 November 2000 (2000-11-21) column 1, line 61 - column 2, line 20 column 4, line 45 - column 7, line 3; figures 7,9 -----	1-10

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